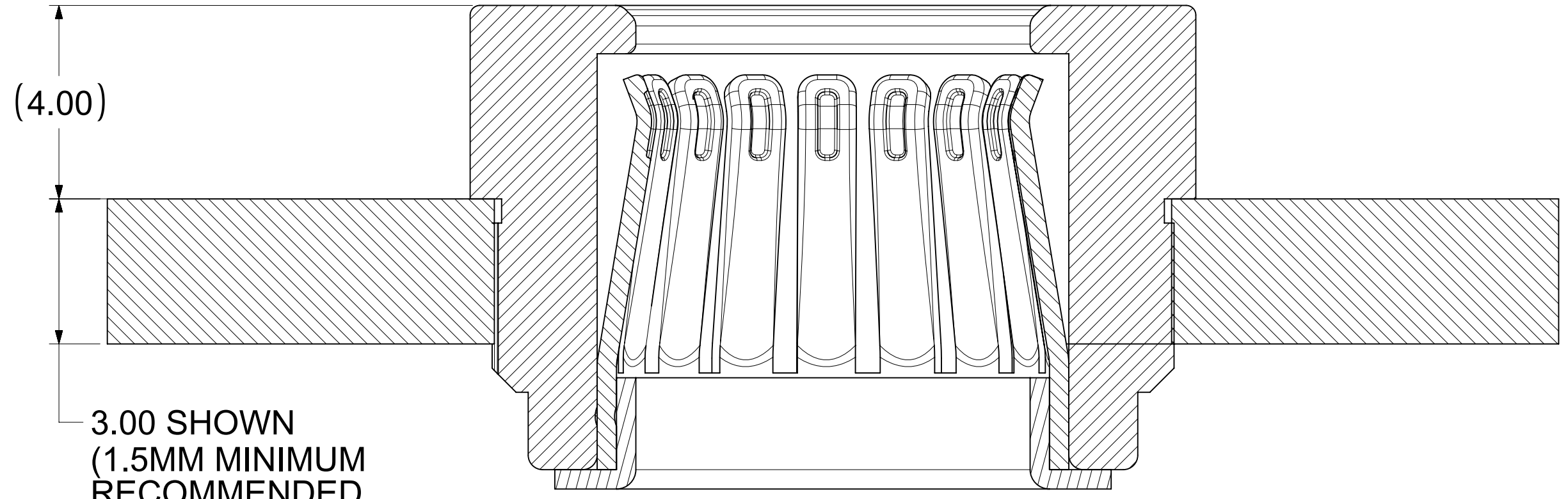


MATING PROFILE



SECTION A-A

NOTES:

1. MATERIALS:
 RETENTION CAP: STAINLESS STEEL
 BASE METAL: HIGH CONDUCTIVE COPPER ALLOY
 PLATING ON CONTACTS: 0.75 MICRON MIN GOLD OVER 1.27 MICRON MIN NICKEL
 PLATING ON BODY: 3.18 MICRON MIN SILVER OVER 1.27 MICRON MIN NICKEL
2. MATES WITH STANDARD PIN DRAWINGS:
 - i. 8.0MM SMT DRAWING 2032633080-SD, MIN. MATING DISTANCE 6.15MM
 - ii. 8.0MM PRESS FIT DRAWING 2032630001-SD, MIN. MATING DISTANCE 6.5MM
 - iii. 8.0MM SCREW MOUNT DRAWING 2032634185-SD, MIN. MATING DISTANCE 9.5MM
3. PRODUCT SPECIFICATION: 2043130001-PS
4. APPLICATION SPECIFICATION: 2043130001-AS
5. PACKAGING SPECIFICATION: 2043180001-PK.
6. SILVER COMPONENTS WILL BE SUPPLIED TARNISH FREE BUT MAY TARNISH OVER TIME.
7. DATE CODE TO BE LASER MARKED APPROXIMATELY WHERE SHOWN USING DDYY FORMAT

| | | | | | | | | | | | | | | | | | | | |
|---|----------|--|---------|------------|-----------------|----------|--------------|--|--|--|--|-----------------|----------|----------|----------|---------------|-----|-----|----|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | SCALE | CURRENT REV DESC: UPDATED PCB/BUSBAR HOLE DIMENSION. UPDATED THE TITLE BLOCK | | | | | | | | | | | | | | | | | |
| mm | NTS | <div style="text-align: right; font-weight: bold; font-size: 24px; margin-bottom: 10px;">molex</div> <div style="text-align: center; font-size: 10px; margin-bottom: 5px;">8.0MM CENTRALITY TOP ENTRY PRESS FIT STANDARD SOCKET IN TRAY</div> <div style="text-align: center; font-size: 10px; margin-bottom: 5px;">PRODUCT CUSTOMER DRAWING</div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <td style="width: 60%;">DOCUMENT NUMBER</td> <td style="width: 10%;">DOC TYPE</td> <td style="width: 10%;">DOC PART</td> <td style="width: 20%;">REVISION</td> </tr> <tr> <td style="text-align: center; font-weight: bold;">2043160001-SD</td> <td style="text-align: center;">PSD</td> <td style="text-align: center;">000</td> <td style="text-align: center; font-weight: bold;">B1</td> </tr> </table> | | | | | | | | | | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | 2043160001-SD | PSD | 000 | B1 |
| DOCUMENT NUMBER | DOC TYPE | | | | | | | | | | | DOC PART | REVISION | | | | | | |
| 2043160001-SD | PSD | | | | | | | | | | | 000 | B1 | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | | | |
| ANGULAR TOL | ± 0.5° | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.15 | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | | | | | | | | | | | | | | | | | | |
| 0 PLACES | ± | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | | | | | | | | | | | | |
| | | D-SIZE | 204316 | 2043160001 | GENERAL MARKET | 1 OF 1 | | | | | | | | | | | | | |